NATIONAL SEARCH REPORT

Interna al Application No PCT/EP2004/053505

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C08G69/02 C08G69/14

C08G63/16

C08G63/181

C08G69/26 C08G63/183 C08G63/123 B29C67/00

C08G63/127

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

N 2.

Minimum documentation searched (classification system followed by classification symbols) IPC $\frac{7}{6}$ CO8G B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, o	Relevant to claim No.		
X	DE 44 33 118 A1 (EOS GMBH ELE SYSTEMS, 82152 PLANEGG, DE) 21 March 1996 (1996-03-21)	1,2,8, 20,25,28		
X	claims 1-4,10		1,2,8, 20,25,28	
x	US 5.134 221 A (LAVALETTE ET 28 July 1992 (1992-07-28)	AL)	1,2,6,7, 16,25-27	
X	column 3, line 21 - line 28;	1,2,6,7, 16,25-27		
X	EP 0 428 760 A (KUFNER TEXTIL 29 May 1991 (1991-05-29) column 3, line 14 - line 26; column 5, line 42 - line 51	1-20, 25-30		
x	claims 1-5		1-20, 25-30	
		-/		
<u>~</u>	ner documents are listed in the continuation of box C.	Patent family members are listed in	n annex.	
A" documer consider a filing de L" documer which is citation o' documer other m documer later the	nt which may throw doubts on priority claim(s) or is cited to establish the publication date of another nor other special reason (as specified) ant referring to an oral disclosure, use, exhibition or	 *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family 		
13	3 April 2005	20/04/2005		
lame and m	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo n!, Fax: (+31-70) 340-3016	Authorized officer Feldmann, G		

INTERNATIONAL SEARCH REPORT

Internal al Application No PCT/EP2004/053505

		PCT/EP200	747 055505
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A	WO 01/38061 A (UNIVERSITY OF SOUTHERN CALIFORNIA; KHOSHNEVIS, BEHROKH) 31 May 2001 (2001-05-31) page 11, line 10 - line 23; claims 1-30		5,22,36
4	page 11, line 10 - line 23; claims 1-30		5,22,36

INTENATIONAL SEARCH REPORT

Information on patent family members

Internal Application No PCT/EP2004/053505

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
DE 4433118	A1	21-03-1996	CN	1155258 A ,C	23-07-1997
			DE	59501016 D1	02-01-1998
			WO	9608360 A1	21-03-1996
			EP	0755321 A1	29-01-1997
			ĴΡ	3477576 B2	10-12-2003
			JP	9511703 T	25-11-1997
US 5134221	Α	28-07-1992	DE	3738495 C1	27-07-1989
			BR	8805943 A	01-08-1989
			CH	676601 A5	15-02-1991
			FR	2623196 A1	19-05-1989
			GB	2212168 A ,B	19-07-1989
			JP	1153716 A	15-06-1989
			KR	9708718 B1	28-05-1997
		.	NL	8802735 A	01-06-1989
EP 0428760	Α	29-05-1991	EP	0428760 A1	29-05-1991
WO 0138061	A	31-05-2001	AU	4301501 A	04-06-2001
•			WO	0138061 A1	31-05-2001
			ÜS	6589471 B1	08-07-2003